Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080066.D
Acq On : 19 Jun 2015 19:25
Operator : TP/IZ
Sample : G2697-08MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP15-LF3MW4MSD

Manual Integrations APPROVED
apatel
6/22/2015 2:40:35 PM

Quant Time: Jun 20 01:02:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	39414	20.00	ng		-0.01
21) Naphthalene-d8	8.62	136	161479	20.00	ng		-0.01
38) Acenaphthene-d10	10.39	164	83186	20.00	ng		-0.01
63) Phenanthrene-d10	11.90	188	178315	20.00	ng		-0.01
75) Chrysene-d12	14.92	240	204446	20.00	ng		0.06
86) Perylene-d12	16.83	264	191053	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	140714	63.20	ng		0.00
7) Phenol-d6	6.93	99	124000	41.85	ng		-0.01
23) Nitrobenzene-d5	7.89	82	290700	104.80	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	136880	168.27	ng		-0.01
44) 2-Fluorobiphenyl	9.69	172	566262	97.08	ng		-0.01
78) Terphenyl-d14	13.61	244	764093	87.29	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	14714	13.90	ng	#	86
3) Pyridine	4.06	79	42353	15.05	ng	#	83
4) n-Nitrosodimethylamine	3.94	42	24412	18.25	ng		93
6) Aniline	6.98	93	114063	27.98	ng		93
8) 2-Chlorophenol	7.11	128	99955	38.84	ng		85
9) Benzaldehyde	6.88	77	87438	51.12	ng		89
10) Phenol	6.94	94	42672	13.20	ng	#	66
11) bis(2-Chloroethyl)ether	7.04	93	114801	44.75	ng		95
12) 1,3-Dichlorobenzene	7.27	146	129879m	42.01	ng		
13) 1,4-Dichlorobenzene	7.35	146	147237m	50.08	ng		
14) 1,2-Dichlorobenzene	7.51	146	129505	45.27	ng		99
15) Benzyl Alcohol	7.45	79	74468	30.74	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.59	45	201440	52.90	ng		90
17) 2-Methylphenol	7.56	107	66634	30.31	ng	#	81
18) Hexachloroethane	7.85	117	47276	48.29	ng	#	86
19) n-Nitroso-di-n-propylamine	7.73	70	96543	46.93	ng	#	76
20) 3+4-Methylphenols	7.72	107	81973	28.90	ng	#	89
22) Acetophenone	7.73	105	192345	51.11	ng	#	83
24) Nitrobenzene	7.91	77	137881	48.16	ng	#	78
25) Isophorone	8.14	82	258739	46.35	ng	#	83
26) 2-Nitrophenol	8.23	139	64090	53.48	ng	#	78
27) 2,4-Dimethylphenol	8.25	122	104045	41.64	ng	#	85
28) bis(2-Chloroethoxy)methane	8.34	93	166982	50.91	ng	#	92
29) 2,4-Dichlorophenol	8.47	162	105218	49.17	ng		97
30) 1,2,4-Trichlorobenzene	8.56	180	128191	52.75	ng		98
31) Naphthalene	8.64	128	379984m	45.01	ng		
32) Benzoic acid	8.29	122	12547	8.30	ng	#	64
33) 4-Chloroaniline	8.68	127	112303m	31.08	ng		
34) Hexachlorobutadiene	8.77	225	69013	46.12	ng		99
35) Caprolactam	9.02	113	4808	6.92	ng	#	81
36) 4-Chloro-3-methylphenol	9.14	107	107712	44.62	ng	#	77
37) 2-Methylnaphthalene	9.34	142	292605	53.58	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	134602	55.60	ng		99
40) Hexachlorocyclopentadiene	9.50	237	131941	103.90	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080066.D
Acq On : 19 Jun 2015 19:25
Operator : TP/IZ
Sample : G2697-08MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP15-LF3MW4MSD

Manual Integrations APPROVED
apatel
6/22/2015 2:40:35 PM

Quant Time: Jun 20 01:02:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	88477	53.72	ng		97
43) 2,4,5-Trichlorophenol	9.65	196	90193	47.53	ng	#	94
45) 1,1'-Biphenyl	9.81	154	332467	49.12	ng		94
46) 2-Chloronaphthalene	9.83	162	266334	48.50	ng	#	93
47) 2-Nitroaniline	9.91	65	75134	49.84	ng	#	60
48) Acenaphthylene	10.25	152	457399	49.90	ng		96
49) Dimethylphthalate	10.09	163	319491	51.09	ng	#	97
50) 2,6-Dinitrotoluene	10.15	165	64955	51.81	ng	#	43
51) Acenaphthene	10.42	154	285996	51.00	ng		95
52) 3-Nitroaniline	10.32	138	58880	40.70	ng	#	52
53) 2,4-Dinitrophenol	10.44	184	59818	114.50	ng	#	1
54) Dibenzofuran	10.60	168	392699	49.35	ng	#	86
55) 4-Nitrophenol	10.47	139	37856	32.74	ng	#	77
56) 2,4-Dinitrotoluene	10.56	165	101379	63.72	ng	#	91
57) Fluorene	10.95	166	325496	51.56	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	78581	49.05	ng		99
59) Diethylphthalate	10.79	149	316974	50.34	ng		96
60) 4-Chlorophenyl-phenylether	10.93	204	151648	49.98	ng	#	83
61) 4-Nitroaniline	10.94	138	74319	49.75	ng	#	50
62) Azobenzene	11.09	77	318085	49.62	ng		87
64) 4,6-Dinitro-2-methylphenol	10.97	198	44053	48.74	ng		96
65) n-Nitrosodiphenylamine	11.04	169	283620	48.85	ng		91
66) 4-Bromophenyl-phenylether	11.43	248	100176	52.83	ng	#	87
67) Hexachlorobenzene	11.51	284	106690	50.63	ng	#	80
68) Atrazine	11.57	200	94576	51.55	ng		84
69) Pentachlorophenol	11.69	266	107863	90.33	ng		97
70) Phenanthrene	11.93	178	498867	46.21	ng		97
71) Anthracene	11.98	178	522461	50.26	ng		98
72) Carbazole	12.13	167	446841	45.03	ng		95
73) Di-n-butylphthalate	12.46	149	535378	46.69	ng	#	98
74) Fluoranthene	13.20	202	567873	49.39	ng		91
76) Benzidine	13.32	184	268343	46.96	ng		98
77) Pyrene	13.47	202	583451	46.35	ng		95
79) Butylbenzylphthalate	14.17	149	248045	49.07	ng		96
80) Benzo(a)anthracene	14.91	228	575579	46.21	ng		97
81) 3,3'-Dichlorobenzidine	14.85	252	163628	38.09	ng	#	93
82) Chrysene	14.95	228	536719	46.73	ng		95
83) Bis(2-ethylhexyl)phthalate	14.88	149	377910	47.30	ng		94
84) Di-n-octyl phthalate	15.71	149	613371	44.80	ng		96
85) Indeno(1,2,3-cd)pyrene	18.69	276	629575	43.47	ng	#	88
87) Benzo(b)fluoranthene	16.28	252	561889	48.58	ng	#	89
88) Benzo(k)fluoranthene	16.32	252	554086	47.04	ng	#	86
89) Benzo(a)pyrene	16.75	252	544144	49.53	ng	#	86
90) Dibenzo(a,h)anthracene	18.71	278	525337	46.72	ng	#	82
91) Benzo(g,h,i)perylene	19.25	276	530971	46.77	ng	#	76

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080066.D
Acq On : 19 Jun 2015 19:25
Operator : TP/IZ
Sample : G2697-08MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 20 01:02:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP15-LF3MW4MSD

Manual Integrations APPROVED
apatel
6/22/2015 2:40:35 PM